

III Year - I Semester

L	T	P	C
0	0	3	2

PULSE & DIGITAL CIRCUITS LAB

- 1. Linear wave shaping.**
- 2. Non Linear wave shaping – Clippers.**
- 3. Non Linear wave shaping – Clampers.**
- 4. Transistor as a switch.**
- 5. Study of Logic Gates & Some applications.**
- 6. Study of Flip-Flops & some applications.**
- 7. Sampling Gates.**
- 8. Astable Multivibrator.**
- 9. Monostable Multivibrator.**
- 10. Bistable Multivibrator.**
- 11. Schmitt Trigger.**
- 12. UJT Relaxation Oscillator.**
- 13. Bootstrap sweep circuit.**

Equipment required for Laboratory:

- 1. RPS - 0 – 30 V**
- 2. CRO - 0 – 20 M Hz.**
- 3. Function Generators - 0 – 1 M Hz**
- 4. Components**
- 5. Multi Meters**